

# Khushi Agrawal

SENIOR UNDERGRADUATE

New IIT Girls Hostel, IIT(BHU), Varanasi - 221005

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## Skills

**Programming Languages** Java, C++, Typescript, Soy, SQL

**Technologies and Frameworks** Spring, Django, Jupyter, Promises, Guice

## Education

### Indian Institute of Technology (BHU), Varanasi

BACHELORS OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

- Cumulative Performance Index, CPI: **9.74**/10.00

Varanasi, India

July, 2017 - PRESENT

### Sunbeam English School, Lanka

CENTRAL BOARD OF SECONDARY EDUCATION (CBSE) – CLASS 12TH

- Percentage: **98.2%**

Varanasi, India

2017

### St. John's School, Marhauili

☑ INDIAN CERTIFICATE OF SECONDARY EDUCATION EXAMINATION (ICSE) – CLASS 10TH

- Percentage: **97.83%**

Varanasi, India

2015

## Experience

### Google India

SWE INTERN, MEMBER OF PAYMENTS TEAM

- Implemented experimental features for a loan product.
- Explored autovalue classes, protocol buffers and promises to implement several RPCs for API calls.
- Exposure: Java, Soy, Typescript, Protocol Buffers, Promises

Bangalore, India

May 2020 - July 2020

### Google India

STEP INTERN, MEMBER OF DOCS TEAM

- Explored Microsoft Word OOXML-ECMA, 2nd Edition – Part 1, which defines Office Open XML's components.
- Implemented DOC/X to HTML conversion of various components such as Tables, Paragraphs, Header, Footer, etc. along with their stylings.
- Exposure: Java, Guice, OOXML

Bangalore, India

May 2019 - July 2019

## Projects

### Departmental Store Portal (WebApp)

DATABASE MANAGEMENT PROJECT, DR. R. CHOWDARY

- Developed a web application for e-registration of customers, vendors and delivery partners for ordering and delivering various grocery items.
- Used third normal form to reduce redundancy in database.
- Exposure: MySQL, Java, HTML, CSS, Javascript

IIT (BHU), Varanasi

September 2019

### Surmount JEE (WebApp)

INFORMATION TECHNOLOGY PROJECT, DR. AMRITA CHATURVEDI

- Developed a web application which would help JEE aspirants.
- Features of the webapp included syndication feed, blog posts, test taking and statistical graphs.
- Exposure: Django, HTML, Python, Matplotlib

IIT (BHU), Varanasi

Sep. 2018

## Achievements

- 2019 **CoDextrous online competition**, 2nd Place among 50+ teams
- 2019 **She++**, Selected among the top 30 female participants of the country
- 2019 **Codess**, Selected among the top 50 female participants of the country
- 2017 **District Rank 1**, AISSCE
- 2015 **Eastern UP Rank 1**, ICSE

Fidelity Investments

Uber India

Microsoft India

## Position of Responsibility

- 2020 **Co-Convenor**, Codefest, Computer Science and Engineering Society, IIT(BHU)
- 2019 **Head**, Content Team, Codefest, IIT(BHU)
- 2018 **Core Team Member**, IIT (BHU) Model United Nations

Varanasi, India

Varanasi, India

Varanasi, India

## Relevant Courses

- ITW- I (Bash Scripting and Python)
- ITW- II (Web Dev. and SQL)
- Artificial Intelligence
- Database Management Systems
- Software Engineering
- Probability and Statistics
- Data Structures
- Algorithms
- Information Retrieval
- Discrete Mathematics
- Computer System Organization
- Operating Systems
- Computer Graphics
- Discrete Mathematics
- Theory of Computation